

SZABO  
Serial No. 09/883,369

Atty Dkt: 2466-97  
Art Unit: 2662

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of determining whether to accept an incoming Internet Protocol (IP) telephone call over an Internet Protocol (IP) network, the method comprising the steps of:

- A) receiving an incoming call at an IP telephony gateway,
- B) reading at least one current performance indicator value provided by a monitoring mechanism at the IP telephony gateway for monitoring the performance quality of ongoing calls, and
- C) determining at the IP telephony gateway if the incoming call is to be accepted or rejected based on ~~the read~~ said at least one current performance indicator value.

2. (Original) A method according to claim 1, wherein the monitoring mechanism is an RTCP mechanism.

3. (Currently Amended) A method according to claim 1, wherein ~~the read~~ said at least one current performance indicator value is obtained from statistics collected from a plurality of ongoing calls.

4. (Currently Amended) A method according to claim 1, wherein ~~the~~ said at least one current performance indicator value indicates ~~any of one of (1)~~ a number of lost packets and ~~(2) a difference between packet spacing at the receiver and packet spacing at the sender~~ interarrival jitter.

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5. (Currently Amended) A method according to claim 1, wherein the determining step C) is performed by checking if ~~the read~~ said at least one current performance indicator value fulfils a predetermined threshold condition.

6. (Currently Amended) A method according to claim 5, wherein the threshold condition comprises at least one threshold value, and that the determining step C) is performed by comparing ~~the read~~ said at least one current performance indicator value with the at least one threshold value.

7. (Currently Amended) A method according to claim 5, wherein a function of said at least one ~~read~~ current performance indicator value is formed and that the determining step C) is performed by checking if the formed function fulfils the threshold condition.

8. (Currently Amended) A system for determining whether to accept an incoming Internet Protocol (IP) telephone call in an IP telephony gateway for transmission over an Internet Protocol (IP) network, the system comprising:

- means at an IP telephony gateway for receiving an incoming call,
- means for reading at least one current performance indicator value provided by a monitoring mechanism at the IP telephony gateway for monitoring the performance quality of ongoing calls, and
- means for determining at the IP telephony gateway if the incoming call is to be accepted or rejected based on ~~the read~~ said at least one current performance indicator value.

9. (Original) A system according to claim 8, wherein the monitoring mechanism is an RTCP mechanism.

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10. (Currently Amended) A system according to claim 8, wherein ~~the read~~ said at least one current performance indicator value is obtained from statistics collected from a plurality of ongoing calls.

11. (Currently Amended) A system according to claim 8, wherein ~~the~~ said at least one current performance indicator value indicates ~~any of one of (1)~~ a number of lost packets and ~~(2) a difference between packet interarrival jitter spacing at the receiver and packet spacing at the sender.~~

12. (Currently Amended) A system according to claim 8, the system further comprising means for checking if ~~the read~~ said at least one current performance indicator value fulfils a predetermined threshold condition.

13. (Currently Amended) A system according to claim 12, wherein the threshold condition comprises at least one threshold value, and that the system further comprises means for comparing ~~the read~~ said at least one current performance indicator value with the at least one threshold value.

14. (Currently Amended) A system according to claim 12, the system further comprising:

- means for forming a function of said at least one ~~read~~ current performance indicator value, and
- means for checking if the formed function fulfils the threshold condition.

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15. (Currently Amended) A computer program for determining whether to accept an incoming Internet Protocol (IP) telephone call over an Internet Protocol (IP) network, wherein the computer program, when run on a computer at an IP telephony gateway, executes the steps of:

- determining if the incoming call is to be accepted based on said at least one current performance indicator value provided by a monitoring mechanism at the IP telephony gateway for monitoring the performance quality of ongoing calls, and
- output a signal indicating the result of said determining step.

16. (Currently Amended) A computer program according to claim 15, wherein the monitoring mechanism is an RTCP mechanism.

17. (Currently Amended) A computer program according to claim 15, wherein ~~the~~ said at least one current performance indicator value is obtained from statistics collected from a plurality of ongoing calls.

18. (Currently Amended) A computer program according to claim 15, wherein ~~the~~ said at least one current performance indicator value indicates ~~any one of~~ (1) a number of lost packets and (2) a difference between packet interarrival jitter spacing at the receiver and packet spacing at the sender.

19. (Currently Amended) A computer program according to claim 15, wherein the determining step is executed by checking if ~~the read~~ said at least one current performance indicator value fulfils a predetermined threshold condition.

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20. (Currently Amended) A computer program according to claim 19, wherein the threshold condition comprises at least one threshold value, and that the determining step is executed by comparing ~~the read~~ said at least one current performance indicator value with the at least one threshold value.

21. (Currently Amended) A computer program according to claim 19, wherein a function of said at least one ~~read~~ current performance indicator value is formed and that the determining step is executed by checking if the formed function fulfils the threshold condition.